

Amendments to the Claims

The following listing of claims will replace all prior versions and listings of claims in the application.

In the claims:

1. (Currently Amended) A vibratory pump comprising:
 - a) a rigid housing;
 - b) a vibration generating mechanism disposed within the housing;
 - c) a rigid pumping chamber disposed within the housing adjacent the vibration generating mechanism and defining an enclosed interior space, the pumping chamber including at least one fluid inlet and a fluid outlet each extending through the ~~housing~~ pumping chamber, the at least one fluid inlet communicating with the interior space through an inlet opening in the pumping chamber and extending outwardly from the pumping chamber, ~~the at least one fluid inlet~~ adapted to be inserted into a fluid to be pumped to draw the fluid into the pumping chamber within the housing; and
 - d) a rod disposed within the housing and operably connected to the vibration generating mechanism at one end to enable the rod to move in direct correspondence to the oscillation of the vibration generating means and positioned within the pumping chamber at the opposite end, the opposite end selectively and directly engageable with the fluid outlet during operation of the vibration generating mechanism.
2. (Currently Amended) The pump of claim 1 wherein the fluid outlet includes an enclosed outlet chamber defining an enclosed inner space and having an inner end positioned within the enclosed interior space within the pumping chamber ~~housing~~ and including a central opening, and an outer end extending outwardly from the enclosed interior space within the pumping chamber ~~housing~~.
3. (Original) The pump of claim 2 wherein the central opening has a conical surface.

4. (Original) The pump of claim 3 wherein the rod includes a plate opposite the vibration generating mechanism that is matable with the central opening.
5. (Original) The pump of claim 4 wherein the plate is formed of a resilient material.
6. (Previously Amended) The pump of claim 2 wherein the inner end includes a resilient diaphragm positioned over the central opening, the diaphragm including a central aperture.
7. (Original) The pump of claim 2 wherein the rod includes a plate opposite the vibration generating mechanism that is engageable with the central opening.
8. (Original) The pump of claim 7 wherein the plate is positioned within the outlet end.
9. (Original) The pump of claim 7 wherein the plate includes a central portion having a diameter less than the diameter of the central opening and an outer portion having a diameter greater than the diameter of the central opening.
10. (Original) The pump of claim 9 wherein the outer portion includes a sealing member that is sealingly engageable with the inner end of the outlet chamber.
11. (Currently Amended) The pump of claim 1 wherein the at least one fluid inlet is formed as ~~includes~~ at least one inlet tube that extends outwardly from the pumping chamber ~~housing~~.
12. (Original) The pump of claim 11 wherein the at least one inlet tube is formed from a generally resilient material.
13. (Canceled)
14. (Original) The pump of claim 11 wherein the housing includes an engagement member disposed on the housing that is engageable with a fluid-holding container.
15. (Canceled)

16. (Original) The pump of claim 1 wherein the vibration generating mechanism includes a switch extending through the housing.
17. (Currently Amended) A vibratory pump comprising:
- a) a unitary housing;
 - b) a vibration generating mechanism disposed within the housing;
 - c) a pumping chamber disposed within the housing adjacent the vibration generating mechanism, the pumping chamber including a fluid inlet and a fluid outlet, each extending through the housing;
 - d) a plunger operably connected to the vibration generating mechanism at one end and positioned within the pumping chamber at the opposite end, the opposite end extending at least partially through and selectively engageable with the fluid outlet during operation of the vibration generating mechanism; wherein the outlet end includes an outlet chamber having an inner end positioned within the housing spaced from the fluid inlet and including a central opening, and an outer end extending outwardly from the housing; and further wherein the pumping chamber includes an inlet tube that extends outwardly from the fluid inlet.
18. (Currently Amended) The pump of claim 17 wherein the inner end includes a resilient gasket positioned over the central opening, the gasket including a central aperture through which the plunger completely extends.
19. (Original) The pump of claim 18 wherein the plunger includes a plate opposite the vibration generating mechanism that is matable with the central aperture in the resilient gasket.
20. (Currently Amended) A pumping mechanism for a vibratory pump comprising:
- a) ~~an~~ rigid enclosure having a pumping chamber, a fluid inlet, the fluid inlet connected to the pumping chamber and including an inlet tube extending outwardly from the enclosure and adapted to be inserted into a fluid to be pumped to draw the fluid into the enclosure, and a fluid outlet connected to the pumping chamber at a location spaced from the fluid inlet and

including an inner end within the enclosure and an outer end extending through the enclosure; and

b) a rigid rod connectable to a vibration generating mechanism and including a plate disposed within the chamber that is directly engageable with the inner end of the fluid outlet to selectively close the inner end of fluid outlet and urge the fluid out of the fluid outlet, the plate including a resilient sealing member affixed to the rod and sealingly engageable with the fluid outlet.